

Patrick D Shaw Stewart

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

917
citations

759055

12
h-index

1058333

14
g-index

15
all docs

15
docs citations

15
times ranked

1391
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbatch crystallization under oil – a new technique allowing many small-volume crystallization trials. <i>Journal of Crystal Growth</i> , 1992, 122, 176-180.	0.7	225
2	An automated system for micro-batch protein crystallization and screening. <i>Journal of Applied Crystallography</i> , 1990, 23, 297-302.	1.9	219
3	Membrane protein structure determination – The next generation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 78-87.	1.4	190
4	Random Microseeding: A Theoretical and Practical Exploration of Seed Stability and Seeding Techniques for Successful Protein Crystallization. <i>Crystal Growth and Design</i> , 2011, 11, 3432-3441.	1.4	68
5	Seasonality and selective trends in viral acute respiratory tract infections. <i>Medical Hypotheses</i> , 2016, 86, 104-119.	0.8	46
6	Phase diagram and dilution experiments in the crystallization of carboxypeptidase G2. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1994, 50, 293-297.	2.5	35
7	Automation in biological crystallization. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 686-696.	0.4	29
8	Structure of arylamine <i>N</i> -acetyltransferase from <i>Mycobacterium tuberculosis</i> determined by cross-seeding with the homologous protein from <i>M. marinum</i> : triumph over adversity. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 1433-1446.	2.5	24
9	Practical experimental design techniques for automatic and manual protein crystallization. <i>Journal of Crystal Growth</i> , 1999, 196, 665-673.	0.7	19
10	Combining Counter-Diffusion and Microseeding to Increase the Success Rate in Protein Crystallization. <i>Crystal Growth and Design</i> , 2011, 11, 2122-2126.	1.4	16
11	Improving the Success Rate of Protein Crystallization by Random Microseed Matrix Screening. <i>Journal of Visualized Experiments</i> , 2013, , .	0.2	14
12	Optimization of Protein Crystallization: The OptiCryst Project. <i>Crystal Growth and Design</i> , 2011, 11, 2112-2121.	1.4	13
13	Temperature dependent viral tropism: understanding viral seasonality and pathogenicity as applied to the avoidance and treatment of endemic viral respiratory illnesses. <i>Reviews in Medical Virology</i> , 2022, 32, e2241.	3.9	10
14	A novel microseeding method for the crystallization of membrane proteins in lipidic cubic phase. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2016, 72, 307-312.	0.4	9
15	Microseed matrix-screening (rMMS): introduction, theory, practice and a new technique for membrane protein crystallization in LCP. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s174-s174.	0.0	0